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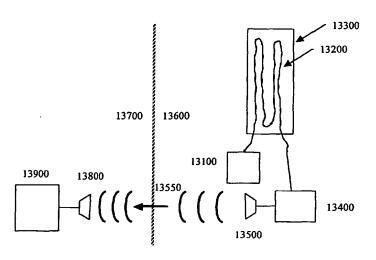
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[Continued on next page]

(54) Title: SYSTEM, DEVICE, AND METHOD FOR DETECTING PERTURBATIONS

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(57) Abstract: Certain exemplary embodiments comprise a spatially distributed multimode optical fiber; a photodetector configured to detect optical signals provided from said fiber; a wireless digital module coupled to said photodetector and adapted to wirelessly transmit a wireless signal encoding a plurality of detected variables of the optical signals; a wireless receiver adapted to receive the wireless signal; and a signal processing module coupled to said wireless receiver and adapted to decode and interpret the plurality of detected variables of the optical signals.

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